

California Weather-Hydro Conditions during June 2016

As of June 30, statewide hydrologic conditions were as follows: precipitation, 110 percent of average to date; runoff, 100 percent of average to date; and reservoir storage, 85 percent of average for the date. Sacramento River Region unimpaired runoff, for Water Year 2016, observed through June 30, 2016 was about 16.4 million acre-feet (MAF), which is about 97 percent of average. In comparison to Water Year 2015, the observed Sacramento River Region unimpaired runoff through June 30, 2015 was about 8.4 MAF, or about 50 percent of average.

On June 30, the Northern Sierra 8-Station Precipitation Index Water Year total was 57.8 inches, which is about 119 percent of the seasonal average to date and 116 percent of an average water year (50.0 inches). During June, the total precipitation for the 8-Stations was 0.9 inches, or about 90 percent of average for the month. Last year on June 30, the Water Year 2015 seasonal total for the 8-Stations was 36.0 inches, or about 74 percent of average.

On June 30, the San Joaquin 5-Station Precipitation Index Water Year total was 40.0 inches, which is about 101 percent of the seasonal average to date and 98 percent of an average water year (40.8 inches). During June, the total precipitation for the 5-Stations was 0.3 inches, or about 50 percent of average for the month. Last year on June 30, the Water Year 2015 seasonal total for the 5-Stations was 17.7 inches, or about 45 percent of average.

On June 30, the Tulare Basin 6-Station Precipitation Index Water Year total was 25.7 inches, which is about 90 percent of the seasonal average to date and 88 percent of an average water year (29.3 inches). During June, the total precipitation for the 6-Stations was 0.1 inches, or about 25 percent of average for the month. Last year on June 30, the Water Year 2015 seasonal total for the 6-Stations was 12.6 inches, or about 44 percent of average.

Daily Precipitation (in inches) for Selected Stations as of 06/30/2016					
Station	Oct 1 to Date 2015 - 2016	% Average	Season to Date 2014 - 2015	% Average	% Average Oct 1 - Sep 30
Mount Shasta	40.93	97	33.71	80	94
Eureka	43.61	111	29.94	76	108
Redding	37.30	111	23.08	68	108
South Lake Tahoe	22.06	117	12.32	65	108
Sacramento Executive Airport	16.14	89	15.43	85	87
Santa Rosa (Sonoma Co AP)	30.43	85	22.27	62	84
San Francisco	22.12	95	17.55	75	94
Stockton	16.60	121	10.66	77	118
Yosemite	36.07	98	16.29	44	95
Monterey	21.54	136	14.51	91	134
Paso Robles	7.37	59	8.39	67	58
Fresno	14.33	127	6.43	57	125
Bakersfield	5.44	86	5.29	83	84
Death Valley	1.61	83	1.05	54	68
Los Angeles	6.35	43	8.40	57	43
Riverside	5.17	43	4.83	40	42
Palm Springs	2.50	52	2.19	46	44
San Diego	7.73	76	8.74	86	75

Key Reservoir Storage (1,000 AF) as of 06/30/2016								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,272	2,086	61	2,448	52	---	1,176
Shasta Lake	Sacramento	3,920	3,650	107	4,552	86	-632	632
Lake Oroville	Feather	2,958	2,887	102	3,538	84	-580	580
New Bullards Bar Res	Yuba	822	830	99	966	85	-144	144
Folsom Lake	American	715	810	88	977	73	-262	262
New Melones Res	Stanislaus	631	1,532	41	2,400	26	-1,789	1,789
Don Pedro Res	Tuolumne	1,562	1,618	97	2,030	77	-336	468
Lake McClure	Merced	603	732	82	1,025	59	-265	422
Millerton Lake	San Joaquin	452	416	109	520	87	-69	68
Pine Flat Res	Kings	580	691	84	1,000	58	-420	420
Isabella	Kern	162	313	52	568	29	-199	406

San Luis Res	(Offstream)	363	1,293	28	2,041	18	---	1,676
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The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for July 2016, issued June 30, 2016, suggests average precipitation for all of California.